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Express Mail No. EV 038544165 US

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10/816021  
033104

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No. PF00486 Div

Inventors: **Garry M. Steil; and Kerstin Rebrin**  
Title: **CLOSED-LOOP METHOD FOR CONTROLLING INSULIN INFUSION**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is a request for filing a:

continuation application  
 divisional application

of pending prior application

Serial No. 10/335,275 filed December 31, 2002,

of Garry M. Steil; and Kerstin Rebrin  
(Inventor(s) currently of record in prior application)

for: CLOSED-LOOP METHOD FOR CONTROLLING INSULIN INFUSION  
(title of invention)

- 1a.  Enclosed is a copy of the prior application.
- 1b.  The oath or declaration as filed with the original application.
2.  The filing fee is calculated below:

**CLAIMS AS FILED IN THE PRIOR APPLICATION  
LESS ANY CLAIMS CANCELLED BY PRELIMINARY AMENDMENT BELOW**

Claims after Amendment	Number Filed	Number Extra	<u>LARGE BUSINESS</u>		<u>SMALL ENTITY</u>	
			Rate	Basic Fee <u>\$740</u>	Rate	Basic Fee <u>\$370</u>
Total Claims	<u>4</u>	<u>- 20</u> = <u>7</u>	x \$ 18 =	<u>0</u>	x \$ 9 =	<u> </u>
Independent	<u>2</u>	<u>- 3</u> = <u>0</u>	x 84 =	<u>0</u>	x \$42 =	<u> </u>
MULTIPLE DEPENDENT CLAIMS ...			+ 280 =	<u> </u>	+ 140 =	<u> </u>
TOTAL FILING FEE .....				<u>\$ 740</u>		<u>\$  </u>

3.  The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Account No. 50-0621. **A copy of this sheet is enclosed.**
4.  Cancel in this application original claims 1-14 and 17-30 and amend claims 15 and 31 of the prior application before calculating the filing fee as requested in the attached Preliminary Amendment (At least one independent claim must be retained for filing purposes.)
5.  Amend the specification by inserting before the first line the sentence:
 

--This is a [ ] continuation  
 division  
 of application serial No. 10/335,275 filed on December 31, 2002.--
6.  Transfer the drawings from the prior application to this application and abandon said prior application as of the filing date accorded this application. A copy of this sheet is enclosed for filing in the prior application. (May only be used if signed by person authorized by §1.138 and before payment of base issue fee.)

7a. [X] New formal drawings are enclosed.

7b. [X] Priority of application Serial Nos.

10/335,275 filed December 31, 2002  
is claimed under 35 USC §119.

8. [X] The prior application is assigned of record to: MEDTRONIC MINIMED, INC. at Reel 013847 and Frame 0700.

9. [X] The power of attorney in the prior application is to:

Paul H. Kovelman, Reg. No. 35,228;  
Cary Talbot, Reg. No. 47,123;  
Richard Yoon, Reg. No. 42,247;  
Vivian Shin, Reg. No. 43,919;  
Harold R. Patton, Reg. No. 22,157;  
Girma Wolde-Michael, Reg. No. 36,724;  
Thomas G. Berry, Reg. No. 31,736;  
Kenneth J. Collier, Reg. No. 34,982;  
Daniel W. Latham, Reg. No. 30,401;  
Curtis D. Kinghorn, Reg. No. 33,926;  
Thomas F. Woods, Reg. No. 36,726;  
Beth L. McMahon, Reg. No. 41,987;  
Eric R. Waldkoetter, Reg. No. 36,713;  
Stephen W. Bauer, Reg. No. 32,192;  
Michael Soldner, Reg. No. 41,455

and all of the firm of Gates & Cooper LLP:

William J. Wood, Reg. No. 42,236  
Karen S. Canady, Reg. No. 39,927  
George H. Gates, Reg. No. 33,500  
Victor G. Cooper, Reg. No., 39,641  
Jason Feldmar, Reg. No. 39,187  
Bradley K. Lortz, Reg. No. 45,472

a. [X] The power appears in the original papers in the prior application.

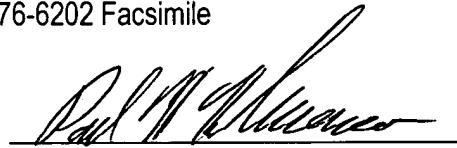
b. [ ] Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.

c. [X] Address all future communications to:

Paul H. Kovelman, Esq.  
MEDTRONIC MINIMED, INC.  
18000 Devonshire Street  
Northridge, CA 91325-1219  
(818) 576-5313  
(818) 576-6202 Facsimile

March 31, 2004

(Date)



(Signature)  
Paul H. Kovelman  
Reg. No. 35,228

[ x ] Attorney or agent of record.  
[ ] Filed under §1.34(a).

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PATENT  
**PF00486 Div**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: \_\_\_\_\_ )  
Garry M. Steil et al. ) Group Art Unit: unknown  
Serial No.: unknown )  
Filed: March 31, 2004 ) Examiner: unknown  
For: CLOSED-LOOP METHOD FOR )  
CONTROLLING INSULIN )  
INFUSION \_\_\_\_\_ )

**CERTIFICATE OF U.S. EXPRESS MAIL**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Express Mail Mailing Label No. EV 038544165 US  
Date of Deposit: March 31, 2004

I hereby certify that a 116 page(s) patent application including cover sheet, 69 pages of specification, 32 claims, 1 page abstract, and 40 pages of formal drawings (Figs. 1 - 41), Divisional Transmittal Letter, Preliminary Amendment, copy of Declaration filed in the original application, copy of recorded Assignment from the original application, copy of Power of Attorney by Assignee filed in the original application, and return postcard are being deposited using the "Express Mail Post Office to Addressee" service of the United States Postal Service under 37 C.F.R. § 1.10 on the above date and addressed to Mail Stop Patent Application, Commissioner for Patents, Alexandria, VA 22313-1450.

March 31, 2004

date of deposit

Nestor Atienza

name of person mailing papers

Nestor Atienza  
signature

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